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## METEOROLOGICAL JOURNALS.

CAMBRIDGE, BY PROFESSOR FARRAR.

MARCH, 1816.

Day.	Barometer.			Thermometer.			Face of Sky.		Winds.	
	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	9 P. M.	7 A. M.	9 P. M.
1	30.27	30.26	30.41	33	47	31	Fair	Clo.	N.	E.
2	30.28	30.27	30.19	33	38	33	Clo.	Clo.	N.E.	N.E. 2
3	30.14	30.14	30.23	35	40	37	Clo.	Clo.	N.	E.
4	30.27	30.10	29.99	32	35	33	Clo.	Clo.	N.W.	E.
5	30.24	30.25	30.37	30	38	27	Fair	Fair	N.W. 2	W.
6	30.38	30.33	30.29	30	35	23	Clo.	Fair	E.	W.
7	30.27	29.97	29.74	23	43	32	Fair	Clo.	W.	S.E. 1
8	29.79	29.95	30.03	21	25	8	Clo.	Fair	W.	N.W. 3
9	30.13	30.12	30.25	0	27	17	Fair	Fair	N.W. 2	N.W. 2
10	30.34	30.39	30.38	15	39	25	Fair	Fair	N.W. 2	N.W. 2
11	30.50	30.54	30.41	19	36	25	Fair	Clo.	W.	S.W.
12	30.27	30.16	30.17	30	42	23	Clo.	Fair	E.	N.
13	30.24	30.24	30.10	13	47	30	Fair	Clo.	S.W.	S.
14	29.76	29.75	30.03	38	48	32	Clo.	Clo.	S.	W.
15	30.34	30.35	30.37	14	37	18	Fair	Fair	N.W. 2	N.W.
16	30.15	30.09	30.00	15	38	34	Fair	Clo.	S.W. 2	S.W.
17	30.05	30.12	30.61	33	48	10	Clo	Fair	S.W.	N.W. 3
18	30.95	30.95	30.92	5	20	15	Fair	Clo.	N.W. 2	A.W.
19	30.75	30.52	30.38	20	32	20	Clo.	Clo.	E.	N.E.
20	30.17	29.95	29.92	21	35	32	Clo.	Fair	N.W.	W. 2
21	30.08	30.08	30.03	25	40	27	Fair	Clo.	W.	W.
22	30.36	30.39	30.44	16	34	15	Fair	Fair	N.W.	W.
23	30.44	30.36	30.19	20	43	28	Clo.	Clo.	W.	W.
24	30.13	30.11	30.11	32	47	28	Clo.	Fair	W.	W.
25	29.97	30.14	30.30	34	40	28	Fair	Fair	W. 2	S.W.
26	30.06	29.85	29.57	35	56	34	Clo.	Fair	W.	W.
27	29.90	29.85	29.72	32	48	38	Fair	Clo.	W.	E.
28	29.45	29.50	29.78	43	52	38	Clo.	Fair	S.	S.W. 2
29	30.00	30.22	30.44	33	34	20	Fair	Fair	N.E.	N.W.
30	30.61	30.55	30.52	20	38	32	Clo.	Fair	N.	E.
31	30.45	30.37	30.27	31	40	35	Clo.	Clo.	N.E.	E.
		30.95	30.95	30.92	43	56	38	Greatest.		
		30.217	30.189	30.196	24.87	42.64	26.61	Mean.		
		29.45	29.50	29.72	5	25	8	Least.		

Rain on the 2d and 3d, and snow on the 4th, .63 in.—6 1-2 inches of snow on the 14th, .72—violent snow storm on the 19th and 20th; average depth 10 inches, reduced to water, .87—little snow on the night of the 25th, and on the morning of the 30th, reduced .16.—Whole quantity of rain and dissolved snow, 2.43.

## BRUNSWICK, BOWDOIN COLLEGE.

BY PROFESSOR CLEVELAND.

## DECEMBER, 1815.

Thermometer.					Barometer.			Winds.		Weather.	
7 30 A. M.	1 P. M.	15 minutes after sunset.	Maximum of cold.	Maximum of heat.	7 30 A. M.	1 P. M.	15 minutes after sunset.	7 30 A. M.	15 minutes after sunset.	7 30 A. M.	15 minutes after sunset.
1 12	19	13	12	20	29.88	29.92	30.03	N.	N.	Fair.	Fair.
2 7.5	19.5	15.5	4.5	20	30.21	30.23	30.25	N.E.	S.E.	Fair.	Fair.
3 18	39	37.5	5	40	30.10	29.94	29.86	S.W.	S.W.	Fair.	Cloudy.
4 36	42.7	41.5	26.7	43.5	29.43	29.30	29.30	S.W.	S.W.	Rain.	Cloudy.
5 18.2	27	23	17.5	28	29.78	29.75	29.80	N.W.	N.W.	Fair.	Cloudy.
6 7	32.5	34	2.5	35	30.05	29.95	29.89	W.	S.W.	Fair.	Cloudy.
7 32	43	38.5	31.2	44	29.68	29.58	29.52	S.W.	S.W.	Fair.	Rain.
8 26	14.5	8	6	28	29.41	29.57	29.73	N.W.	N.W.	Fair.	Fair.
9 5.5	18.5	16	6.5	19	30.03	30.05	30.09	S.W.	S.W.	Fair.	Fair.
10 1.5	13	9	7.5	13.5	29.41	29.43	29.47	N.W.	N.W.	Fair.	Fair.
11 5	21	15	8	22	30.50	29.44	29.92	S.W.	S.W.	Fair.	Fair.
12 28	33.5	30.5	3.5	34	30.04	29.96	29.94	S.W.	S.W.	Snow.	Snow.
13 14	32.5	28	11	34	30.06	30.06	30.09	N.W.	N.E.	Fair.	Cloudy.
14 8	26.5	24	5.5	27	29.95	29.93	29.86	N.E.	N.E.	Fair.	Fair.
15 22	28	29	12.7	29	29.79	29.72	29.72	N.E.	N.E.	Cloudy.	Cloudy.
16 21	33	31.5	15	33	29.74	29.70	29.66	N.	E.	Snow.	Cloudy.
17 30	34	32.5	23.5	34	29.31	29.27	29.21	N.	N.	Cloudy.	Cloudy.
18 19.7	35	30.5	19.5	35.5	29.25	29.29	29.31	S.W.	S.W.	Fair.	Fair.
19 14.5	25.5	22	13.5	26.5	29.43	29.55	29.60	W.	N.W.	Fair.	Fair.
20 1	25	19	3.5	26	29.93	29.94	29.96	N.W.	N.W.	Fair.	Fair.
21 7	29.5	26	1	30	29.96	29.84	29.80	N.W.	N.W.	Fair.	Fair.
22 1	32	26.5	0.5	33	29.69	29.50	29.63	N.E.	S.W.	Fair.	Cloudy.
23 9	42	32	7	42.5	29.72	29.73	29.76	S.W.	S.W.	Fair.	Fair.
24 38	45	36	25.7	46.5	29.41	29.10	29.20	E.	S.W.	Rain.	Fair.
25 23	34	27	21	35.2	29.58	29.58	29.59	N.W.	S.W.	Fair.	Fair.
26 14	26.5	23.5	11	27	29.76	29.73	29.75	W.	W.	Fair.	Fair.
27 8	26	22	6.5	26.5	29.72	29.71	29.74	S.W.	N.W.	Fair.	Cloudy.
28 10	22.5	20	6.5	23	29.89	29.86	29.94	N.W.	N.W.	Fair.	Fair.
29 5	21.5	18.5	2	22	30.10	30.08	30.15	N.	N.E.	Fair.	Fair.
30 13	20	17.5	6.5	20	30.15	30.10	30.08	N.E.	N.E.	Cloudy.	Cloudy.
31 20	22.5	22	15.5	23	29.65	29.65	29.47	N.E.	N.	Snow.	Snow.
Mean.   14.9   28.5   25.0   10.1   29.7					29.80   29.72   29.75						

Mean temperature deduced from three observations each day 22.79°  
 ditto maxima of heat and cold 19.89

Mean pressure of the atmosphere - 29.76 in.

Greatest monthly range of barometer 1.40

Rain and snow dissolved - - 2.41

## JANUARY, 1816.

Thermometer.						Barometer.			Winds.		Weather.	
	7 30 A. M.	1 P. M.	15 minutes after sunset.	Maximum of cold.	Maximum of heat.	7 30 A. M.	1 P. M.	15 minutes after sunset.	7 30 A. M.	15 minutes after sunset.	7 30 A. M.	15 minutes after sunset.
1	14	30	24.5	13.5	31	29.37	29.35	29.40	S.W.	W.	Fair.	Fair.
2	17	24.5	20.5	7	25	29.47	29.45	29.54	N.W.	N.W.	Cloudy.	Cloudy.
3	1	23.5	24	2	24	29.75	29.77	29.81	W.	N.W.	Fair.	Fair.
4	3	24	17.5	5	24.5	29.95	29.84	29.86	N.W.	E.	Fair.	Fair.
5	11	20.5	17	6	21	29.77	29.60	29.56	N.	N.E.	Cloudy.	Cloudy.
6	24	26	23	1	26	29.37	29.17	29.16	N.E.	N.	Snow.	Snow.
7	16.2	23.5	21	16	24	29.24	29.24	29.32	N.W.	N.W.	Fair.	Cloudy.
8	8	14	9.5	8	15	29.46	29.42	29.40	N.E.	N.E.	Cloudy.	Fair.
9	3.5	8	6	5.2	9	29.45	29.47	29.48	W.	S.W.	Cloudy.	Cloudy.
10	9	19.5	10.5	12.7	20	29.52	29.61	29.75	W.	N.W.	Fair.	Fair.
11	15	12	10.5	17.5	13.5	30.18	30.24	30.29	W.	S.W.	Fair.	Cloudy.
12	10	15	9.5	8	16	29.93	29.68	29.70	N.E.	N.	Snow.	Snow.
13	5	19.5	11	9	21	30.15	30.20	30.31	S.W.	S.W.	Fair.	Fair.
14	6	21.5	16	17.5	22	30.33	30.29	30.27	S.W.	N.E.	Cloudy.	Cloudy.
15	12	12.5	7	13.7	13.2	30.46	30.49	30.53	N.E.	S.W.	Fair.	Fair.
16	8	26	24	13.5	26.5	30.34	30.22	30.15	S.W.	S.W.	Fair.	Cloudy.
17	40	46	45	24	48	29.75	29.59	29.46	S.	S.	Mist.	Rain.
18	31	40.5	34.5	29.5	42	29.68	29.76	29.83	S.W.	S.W.	Fair.	Fair.
19	24	36.5	31	18.5	33	29.84	29.80	29.81	S.W.	S.W.	Fair.	Fair.
20	24	30.5	25.5	23.7	31	29.81	29.84	29.87	W.	N.W.	Fair.	Fair.
21	24	33.5	33	17	36	29.65	29.57	29.56	S.W.	S.W.	Fair.	Fair.
22	23	44	37	18	45	29.81	29.88	29.99	N.W.	W.	Fair.	Fair.
23	19	41.5	35	16	42	30.22	30.29	30.18	N.	S.E.	Fair.	Fair.
24	36	40.5	34	27.5	41	29.90	29.80	29.75	S.W.	S.W.	Mist.	Cloudy.
25	25	25	20	16	25	30.00	30.03	30.04	N.W.	N.W.	Fair.	Fair.
26	15	12.5	9	6	18	30.00	30.11	30.17	N.W.	N.W.	Fair.	Fair.
27	4	25	22	1.5	26.5	30.11	30.04	30.00	N.W.	N.W.	Fair.	Cloudy.
28	7	32	27	6	33.2	29.91	29.86	29.80	N.W.	S.E.	Fair.	Cloudy.
29	21	31.5	26.5	13	33	29.57	29.46	29.42	N.W.	S.	Cloudy.	Cloudy.
30	23	29	24	19.7	30	29.50	29.53	29.69	N.W.	N.W.	Fair.	Fair.
31	9	33	25.5	2	34.5	29.78	29.71	29.70	N.E.	S.W.	Fair.	Cloudy.
Mean.   11.7   26.5   21.9   5.9   27.6   29.81   29.78   29.80												

Mean temperature deduced from three observations each day 20.06  
ditto maxima of heat and cold 16.77  
Mean pressure of the atmosphere - - 29.79 in.  
Greatest monthly range of barometer - - 1.37  
Rain and snow dissolved - - 2.80

## FEBRUARY, 1816.

Thermometer.						Barometer.			Winds.		Weather.	
	7 30 A. M.	1 P. M.	15 minutes after sunset.	Maximum of cold.	Maximum of heat.	7 30 A. M.	1 P. M.	15 minutes after sunset.	7 30 A. M.	15 minutes after sunset.	7 30 A. M.	15 minutes after sunset.
1	34	34.5	33	24.5	36	29.45	29.33	29.30	S. E.	N.	Rain.	Cloudy.
2	19	27	26.7	18.7	28.5	29.33	29.35	29.45	N. W.	N. W.	Fair.	Fair.
3	14	26.5	24	7	27	29.82	29.85	29.86	N. W.	S. W.	Fair.	Cloudy.
4	23	24	20.5	20.5	24	29.68	29.50	29.44	N.	N. W.	Mist.	Mist.
5	13	30	26.5	11	31.5	29.73	29.75	29.80	W.	W.	Fair.	Cloudy.
6	3	23	18	3	25	29.90	29.98	29.96	S. W.	W.	Fair.	Fair.
7	28.5	33	24	8.2	34	29.60	29.4	29.53	S. W.	N. W.	Snow.	Fair.
8	1	16	5	3	16	29.64	29.60	29.64	N. W.	N. W.	Fair.	Fair.
9	8	5.5	0	16.5	6	29.68	29.60	29.60	N. E.	N. W.	Hazy.	Fair.
10	3	19	10	16	20	29.52	29.45	29.50	S. W.	N. W.	Fair.	Fair.
11	12	28.5	24.5	5	33	29.72	29.75	29.72	N. W.	S. W.	Fair.	Cloudy.
12	38	40	38	18	42	29.11	28.86	28.94	S.	W.	Rain.	Cloudy.
13	11	16.5	13	9	17	29.46	29.50	29.52	W.	N. W.	Fair.	Fair.
14	1	9	5	3	9	29.69	29.70	29.72	N.	N. E.	Fair.	Fair.
15	9	2.5	2.7	11.7	4	29.92	29.89	29.89	N.	N. W.	Fair.	Fair.
16	5	15.5	15	11.5	17	29.89	29.89	29.94	S. W.	W.	Fair.	Fair.
17	3	30	28	3	33	30.06	29.97	29.81	N. E.	S. E.	Fair.	Snow.
18	25	31	25	23.5	31	29.75	29.70	29.60	N. E.	N. E.	Snow.	Snow.
19	27	32	32	23	34	29.30	29.09	29.30	N. E.	S. W.	Rain.	Fair.
20	25	41	35	19.5	42	29.96	30.04	30.11	S. W.	S. W.	Fair.	Cloudy.
21	21	35	25	18	38	30.41	30.39	30.28	N. E.	N. E.	Fair.	Snow.
22	27.5	36	32	24.5	37	29.40	29.53	29.55	N.	N	Snow.	Cloudy.
23	25	42	32	22.5	43	29.72	29.70	29.80	N.	E.	Fair.	Snow.
24	16	40	29.5	13	42	29.90	29.95	29.95	S. W.	S.	Fair.	Snow.
25	35	44	34.5	29	46	29.70	29.66	29.66	E.	S. W.	Cloudy.	Cloudy.
26	29	44	35	20	46	29.72	29.72	29.76	N. W.	N. W.	Fair.	Cloudy.
27	20	31	30	15	34	30.04	30.05	30.00	N. W.	S.	Fair.	Fair.
28	31	46	34	26.5	47	29.97	30.02	30.10	S. W.	S. E.	Fair.	Fair.
29	40	42	39	18.5	42	29.81	29.66	29.66	S.	S.	Rain.	Fog.
Means	17.1	29.1	24	10.6	30.5	29.72	29.69	29.70				

Mean temperature deduced from three observations each day 23.43°  
 ditto maxima of heat and cold 20.55

Mean pressure of the atmosphere - - 29.703 in.

Greatest monthly range of barometer - - 1.55

Snow reduced to water, and rain - - 2.82

February 12.—Barometer very low.

## MARCH, 1816.

Thermometer.					Barometer.			Winds.		Weather.		
	7 30 A. M.	1 P. M.	15 minutes after sunset	Maximum of cold.	Maximum of heat.	7 30 A. M.	1 P. M.	15 minutes after sunset	7 30 A. M.	15 minutes after sunset.	7 30 A. M.	15 minutes after sunset.
1	30	44.5	34.5	24.5	46	30.03	30.12	30.15	N.W.	S.E.	Fair.	Fair.
2	24	42.5	36.5	19.5	45	30.12	30.01	29.99	N.W.	E.	Fair.	Fog.
3	36.5	44.5	37	33.7	47	29.89	29.94	29.99	N.E.	N.E.	Fog.	Mist.
4	21	25	24.5	20.5	25	30.09	29.98	29.83	N.E.	N.E.	Mist.	Rain.
5	26	33	33.5	21	34	29.85	29.99	30.10	N.W.	N.W.	Fair.	Fair.
6	21	42.5	25.7	15.5	44	30.12	30.10	30.05	N.E.	S.W.	Cloudy.	Cloudy.
7	23	37	28	10	38.5	29.93	29.80	29.64	N.E.	S.E.	Cloudy.	Snow.
8	17.5	20	15	15	21	29.50	29.60	29.63	N.W.	N.W.	Snow.	Fair.
9	4	21	15.7	0.5	21	29.71	9.70	29.80	N.W.	N.W.	Fair.	Fair.
10	16	32	32	2	38	29.97	29.98	30.02	N.W.	N.W.	Fair.	Fair.
11	16	33	29	7	39.7	30.21	30.20	30.17	N.W.	S.W.	Fair.	Fair.
12	21	40	33	11	42	30.00	29.93	29.90	N.E.	S.E.	Cloudy.	Cloudy.
13	18	36	32	10	43.5	29.97	29.96	29.88	W.	S.	Fair.	Fair.
14	35.5	42	40	29	43	29.50	29.40	29.50	S.W.	N.W.	Rain.	Fair.
15	10.5	21	21	8	21	30.02	30.03	30.04	N.W.	E.	Fair.	Fair.
16	14	29.5	30	1.5	33	30.02	29.84	29.66	S.W.	S.W.	Fair.	Fair.
17	21	26	11	11	27	29.82	29.84	30.00	N.W.	N.W.	Cloudy.	Fair.
18	4	10.5	12.5	8.7	13	30.53	30.53	30.54	N.W.	N.W.	Fair.	Fair.
19	8	18	17.7	1	21	30.49	29.89	29.77	N.E.	N.E.	Snow.	Cloudy.
20	17	27	26.5	14	28	29.85	29.60	29.56	N.E.	W.	Snow.	Cloudy.
21	30	37.5	28.7	3	38.5	29.67	29.71	29.74	N.W.	N.W.	Fair.	Fair.
22	16.5	24	22	12.7	29	30.01	30.05	30.08	N.W.	N.W.	Fair.	Fair.
23	10	33	28	7.5	36	30.15	30.07	29.95	N.W.	S.W.	Cloudy.	Fair.
24	31	40	35	0.5	43	29.80	29.83	29.83	N.W.	N.W.	Cloudy.	Fair.
25	23	37	30	17.5	41	29.64	29.80	29.83	N.W.	N.W.	Fair.	Fair.
26	30	46.5	38	6	49	29.83	29.66	29.63	S.E.	E.	Snow.	Fair.
27	29	48.7	40	1	50	29.67	29.65	29.56	N.W.	S.E.	Fair.	Fair.
28	37	44	38	3	49	29.00	29.09	29.30	S.E.	N.W.	Fog.	Fair.
29	24	3.5	21	21	24	29.69	29.85	29.99	N.W.	N.W.	Fair.	Fair.
30	18	30	28.5	5	31	29.24	30.30	30.23	N.W.	S.W.	Fair.	Cloudy.
31	37	42	36.7	23	40	30.21	30.20	30.11	S.	S.E.	Snow.	Mist.
Mean.	[21.5]	[33.3]	[26.4]	[14.1]	[35.7]	[29.92]	[29.86]	[29.88]				

Mean temperature deduced from three observations each day 27.73°  
ditto maxima of heat and cold 24.90

Mean pressure of the atmosphere - - 29.896 in.

Greatest monthly range of barometer - - 1.45

Snow reduced to water, and rain - - 1.83

March 11.—Iris'd halo about the moon, 30° diameter.

23.—The thermometer at 7 1-2 degrees below zero, at this season, is very uncommon.

28.—Severe thunder shower; the cloud was extensive, but very narrow and uncommonly low.